

L5 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:34906 CAPLUS <<LOGINID::20070718>>
DN 138:89580
TI Preparation of monoiodomethylbenzoic acid
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PA Ise Chemical Industries Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF

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LA Japanese

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AB The compound is prepared by direct iodination of methylbenzoic acid with iodinating agents in the presence of acid catalysts in solvents.
2-Methylbenzoic acid was reacted with I and periodic acid in the presence of H₂SO₄ in AcOH under reflux for 7 h to give 54% reaction product mixture containing 3.2% 3-iodo-2-methylbenzoic acid and 95.7% 5-iodo-2-methylbenzoic acid.